



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Hunter Douglas Facades
2300 South 2300 West
Salt Lake City, UT 84119

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Aluminum Façade System

APPROVAL DOCUMENT: Drawing No. **HDF002**, titled "Aluminum Façade System", sheets 1 through 5 of 5, dated 10/19/09, prepared by Hunter Douglas Facade, signed and sealed by Kristina S Daugherty, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Handwritten signature and date: 02/11/10

NOA No. 09-1028.11
Expiration Date: March 03, 2015
Approval Date: March 03, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **HDF002**, titled "Aluminum Façade System", sheets 1 through 5 of 5, dated 10/19/09, prepared by Hunter Douglas Facade, signed and sealed by Kristina S. Daugherty, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of the Aluminum Façade System, prepared by Certified Testing Laboratories, Test Report No. **CTLA 1975W**, dated 10/12/09, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Anchor verification calculations issued by CertWorks, dated 10/19/09, signed and sealed by Kristina S. Daugherty, P.E.

D. QUALITY ASSURANCE

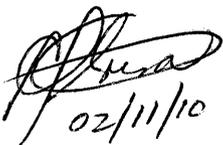
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letters of code conformance and no financial interest, issued by CertWorks, dated 10/19/09, signed and sealed by Kristina S. Daugherty, P.E.



02/11/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 09-1028.11
Expiration Date: March 03, 2015
Approval Date: March 03, 2010

HUNTER DOUGLAS FACADES

ALUMINUM FACADE SYSTEM

HunterDouglas

FACADES

2300 SOUTH 2300 WEST
SALT LAKE CITY, UTAH 84119
PH: (801) 646-2522 FX: (801) 649-2699

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION THROUGH STEEL STUD USE #14 SELF-TAPPING SCREW OR EQUIVALENT OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM ENGAGEMENT THROUGH STEEL FRAME SUBSTRATE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2700 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - STEEL - MINIMUM YIELD STRENGTH OF 43 KSI. MINIMUM WALL THICKNESS OF 43 MILS (18 GAUGE).

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2007 FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94 (STRUCTURAL ONLY)
 - TAS 203-94
- THIS SIDING SYSTEM HAS NOT BEEN TESTED FOR WATER AND AIR FILTRATION.
- EXTERIOR WALLS RECEIVING FACADE SYSTEM SHALL BE CONSTRUCTED WITH A WATER-RESISTIVE BARRIER COMPLYING WITH FLORIDA BUILDING CODE AS STATED IN SECTION 1404.2.
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- PANEL MATERIAL: ALUMINUM

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
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2	-	ELEVATION & ANCHOR LAYOUT
3	A-	VERTICAL & HORIZONTAL SECTIONS
4	A	VERTICAL & HORIZONTAL SECTIONS
5	A	COMPONENTS & BILL OF MATERIAL

DESIGN PRESSURE	MISSILE IMPACT RATING
+133.0 / -100.0 PSF	NOT RATED FOR IMPACT

TITLE: ALUM. FACADE SYSTEM
INSTALLATION & GENERAL NOTES

PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

NO.	DESCRIPTION	BY	DATE	
				REVISIONS
A	UPDATED PER MD COMMENTS			

[Handwritten Signature]
1-29-10

KRISTINA S. DAUGHERTY
FLORIDA P. E. NO. 064453
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FBPE CERT. OF AUTHORIZATION NO. 088620

Approved as complying with the Florida Building Code
Date 03/05/2010
NOA# 07-1028-11
Miami Dade Product Control
Division
By *[Signature]*

DATE: 10.19.09
DWN BY: JLR
CHK BY: KSD
SCALE: NTS

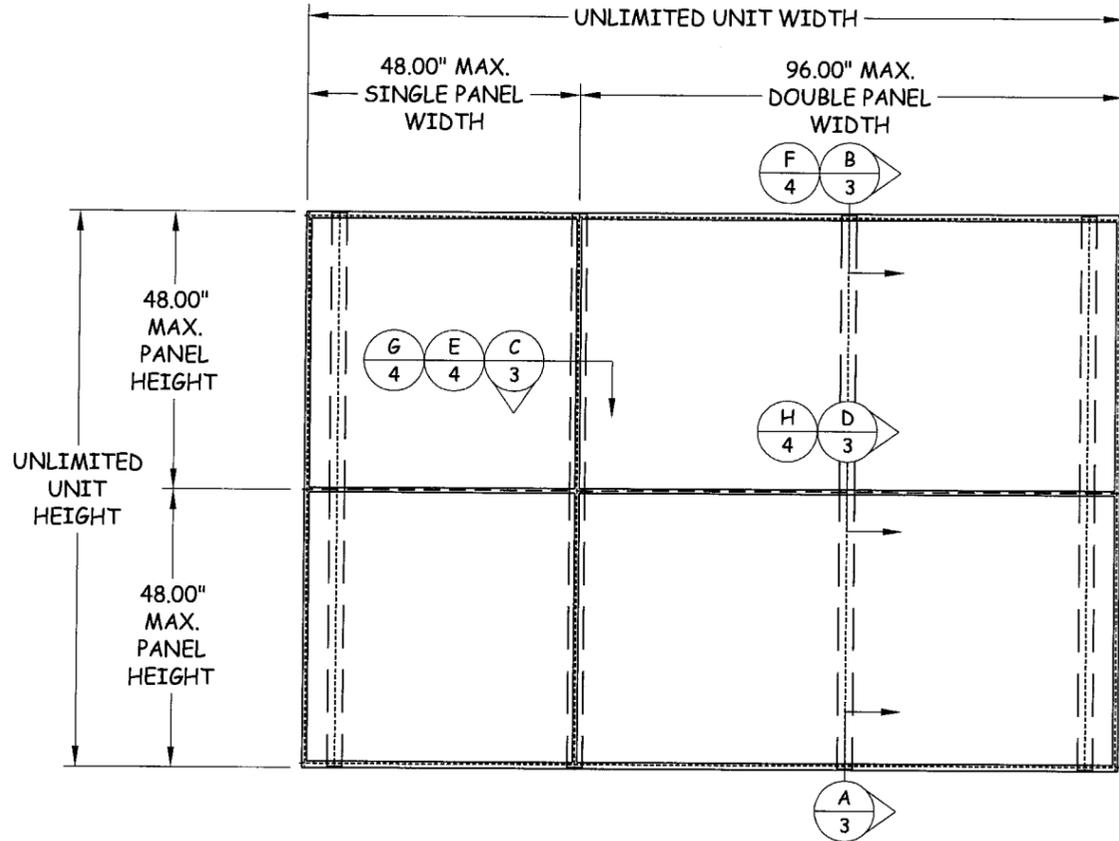
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SHEET: 1 OF 5

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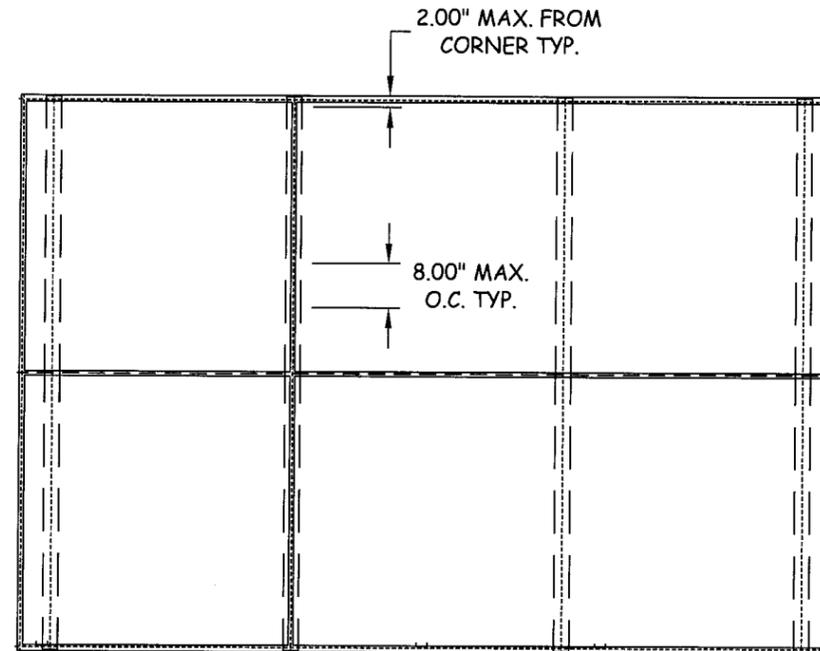
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**ELEVATION
EXTERIOR VIEW**



ANCHOR LAYOUT

HunterDouglas

FAÇADES

2300 SOUTH 2300 WEST
SALT LAKE CITY, UTAH 84119
PH: (801) 646-2522 FX: (801) 649-2699

TITLE: ALUM. FAÇADE SYSTEM
ELEVATION & ANCHOT
LAYOUT

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS

NO.	DESCRIPTION	BY	DATE

[Signature]
1-29-10
KRISTINA S. DALGHERTY
FLORIDA P. E. NO. 88455
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FBPE CERT. OF AUTHORIZATION NO. 28560

Approved as complying with the
Florida Building Code
Date 03/03/2010
NOA# 09-1028-11
Miami Dade Product Control
Division
By *[Signature]*

DATE: 10.19.09
DWN BY: JLR
CHK BY: KSD
SCALE: NTS
DWG #: HDF002
SHEET: 2 OF 5

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HunterDouglas
FAÇADES

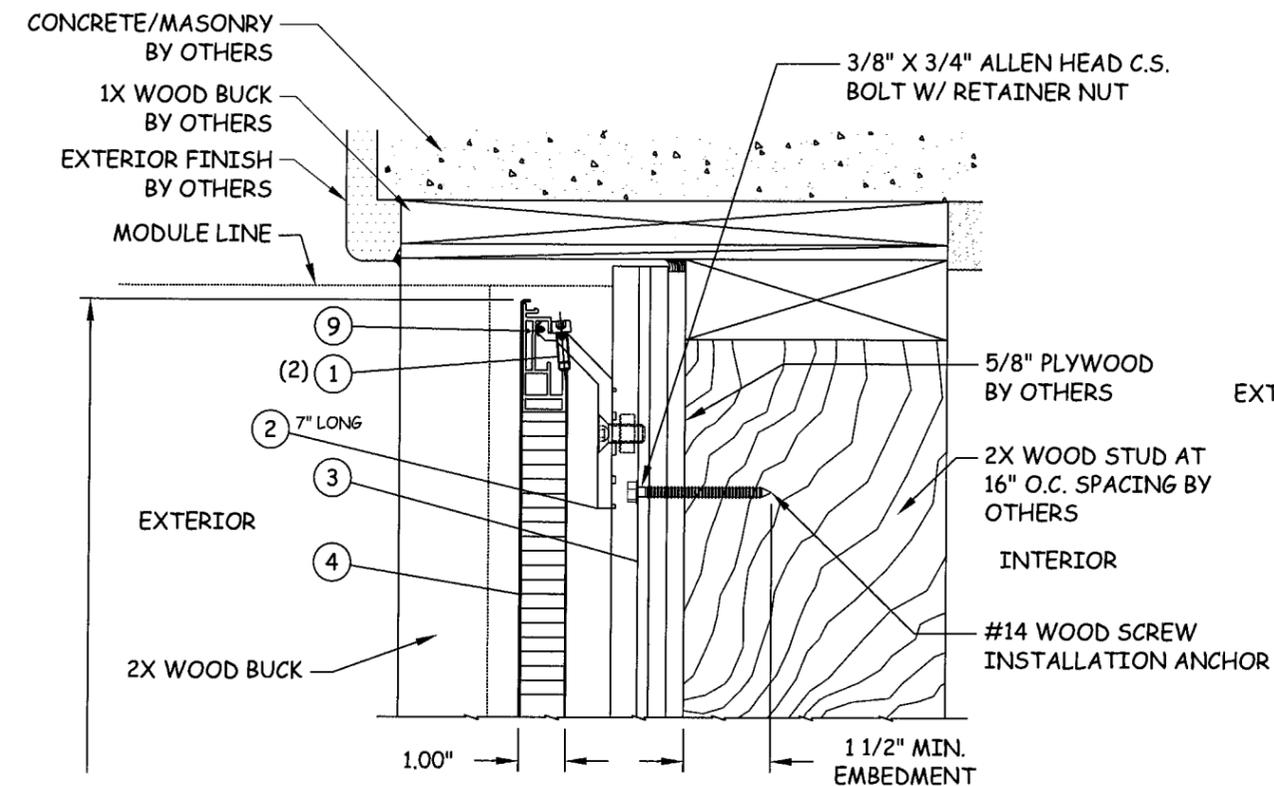
2300 SOUTH 2300 WEST
SALT LAKE CITY, UTAH 84119
PH: (801) 646-2522 FX: (801) 649-2699

TITLE: ALUM. FAÇADE SYSTEM
VERTICAL & HORIZONTAL SECTIONS
PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

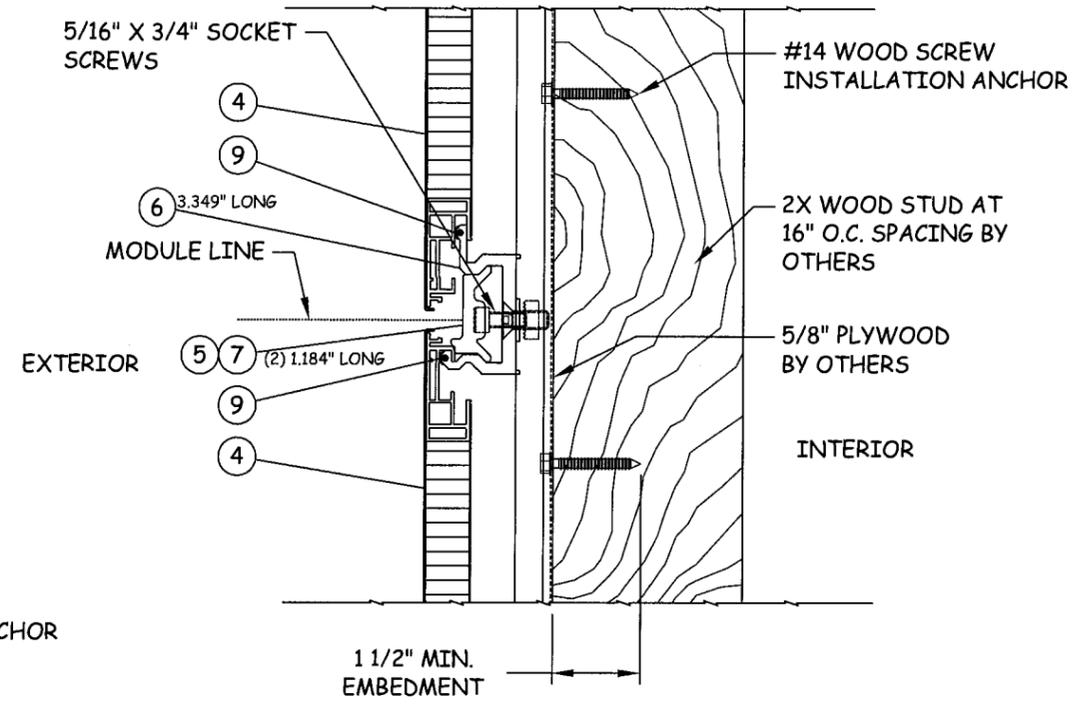
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[Signature]
1-29-10
KRISTINA S. DALPHERY
FLORIDA P. E. NO. 68455
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FBIPE CERT. OF AUTHORIZATION NO. 28550

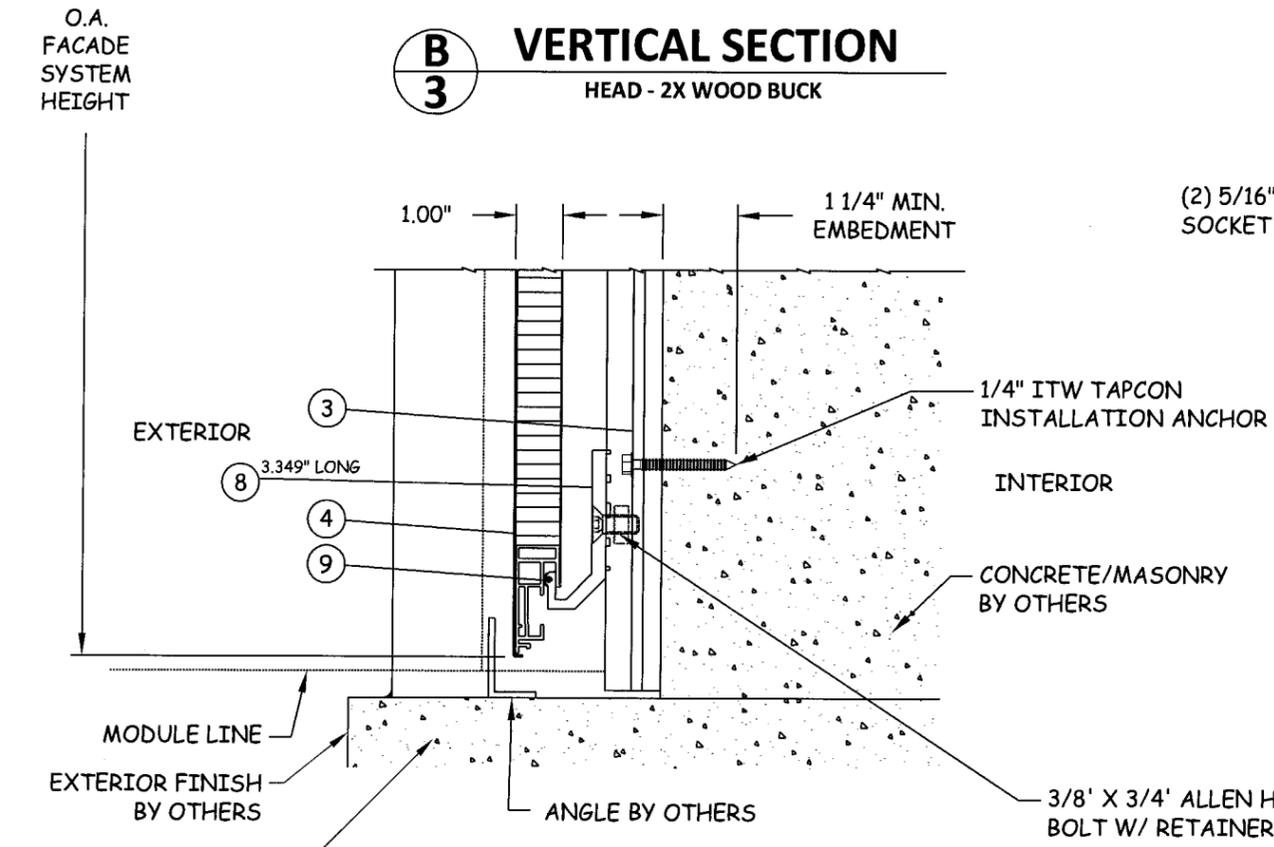
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DWG #:	HDF002						
SHEET:	3 OF 5						



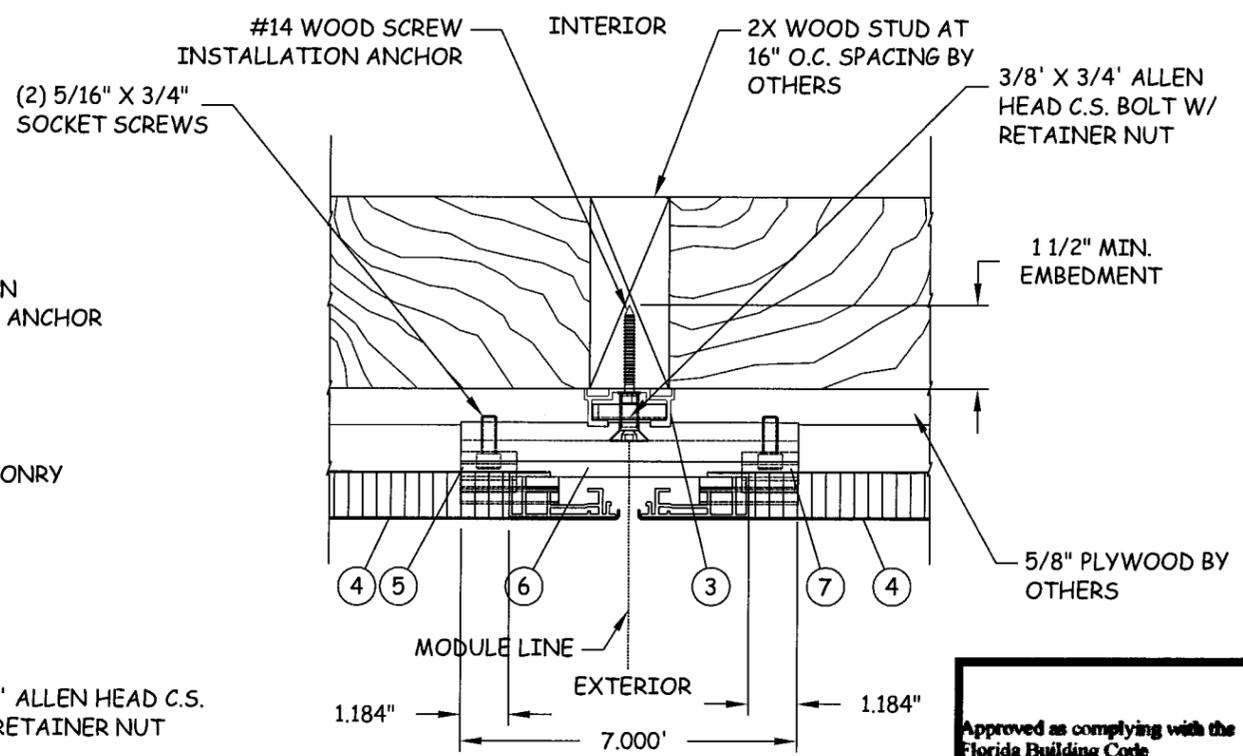
B
3
VERTICAL SECTION
HEAD - 2X WOOD BUCK



D
3
VERTICAL SECTION
HORIZONTAL JOINT - 2X WOOD BUCK



A
3
VERTICAL SECTION
SILL - CONCRETE/MASONRY

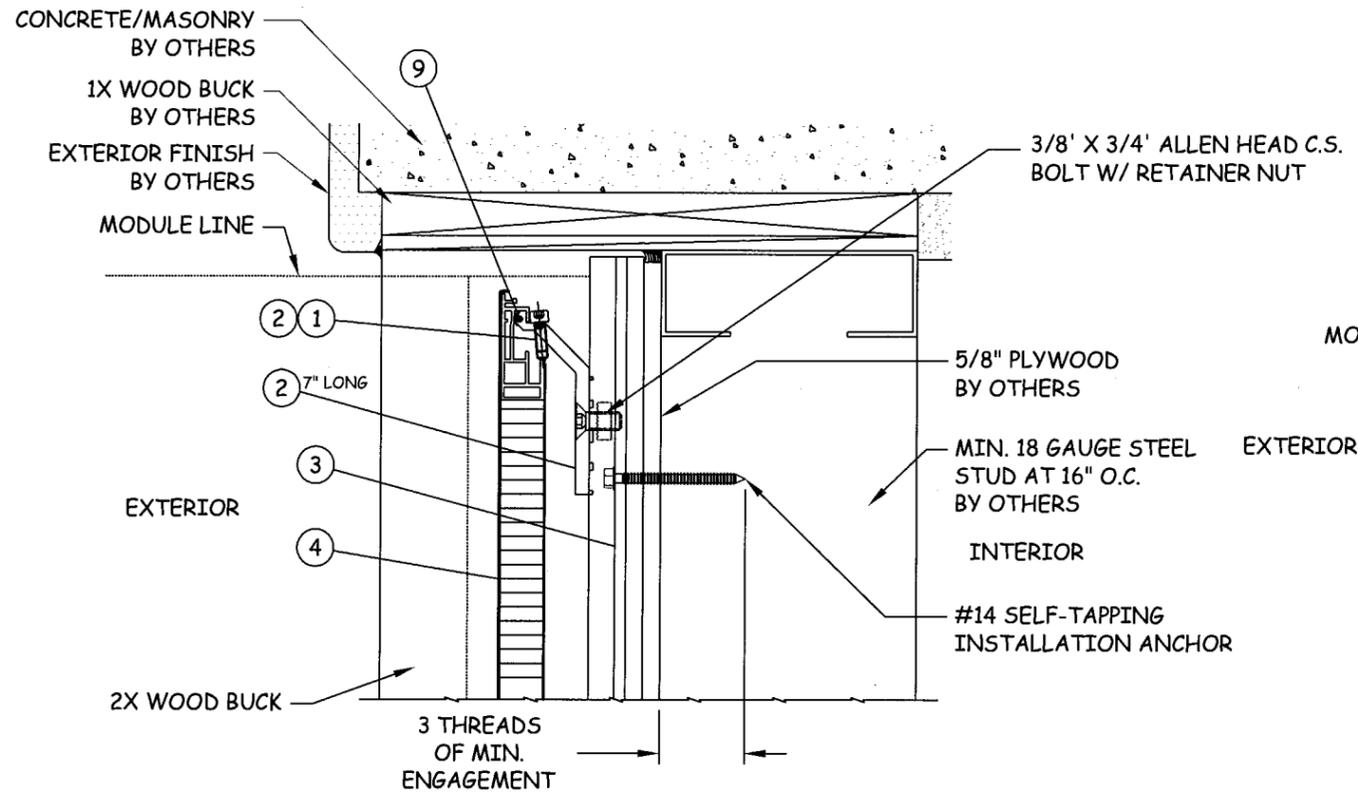


C
3
HORIZONTAL SECTION
VERTICAL JOINT - 2X WOOD BUCK

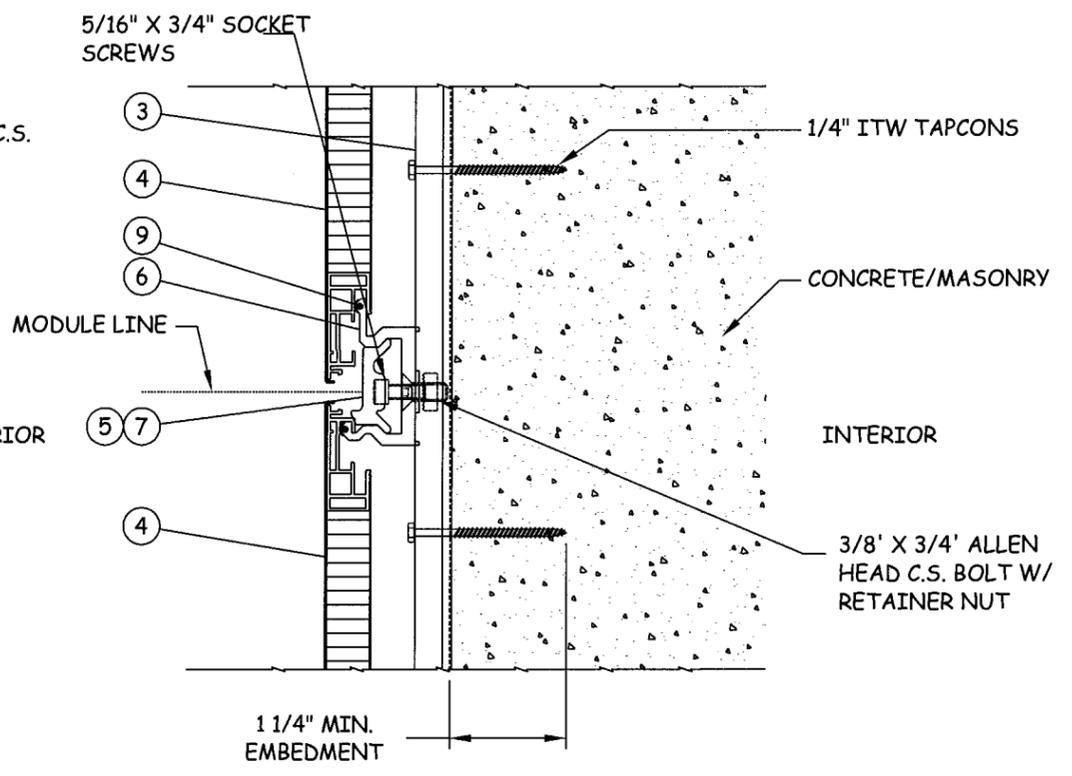
Approved as complying with the
Florida Building Code
Date: 03/03/2010
NOA#: 09-1028.11
Miami Dade Product Control
Division
By: *[Signature]*

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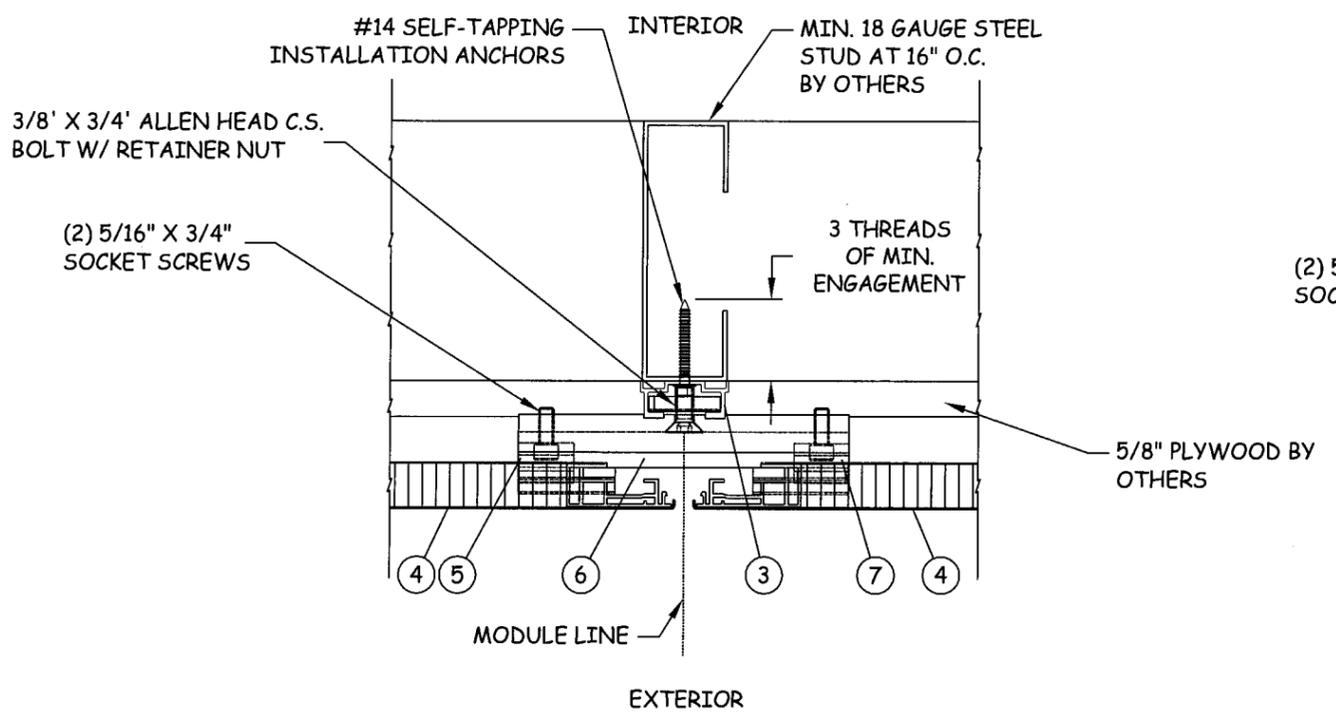
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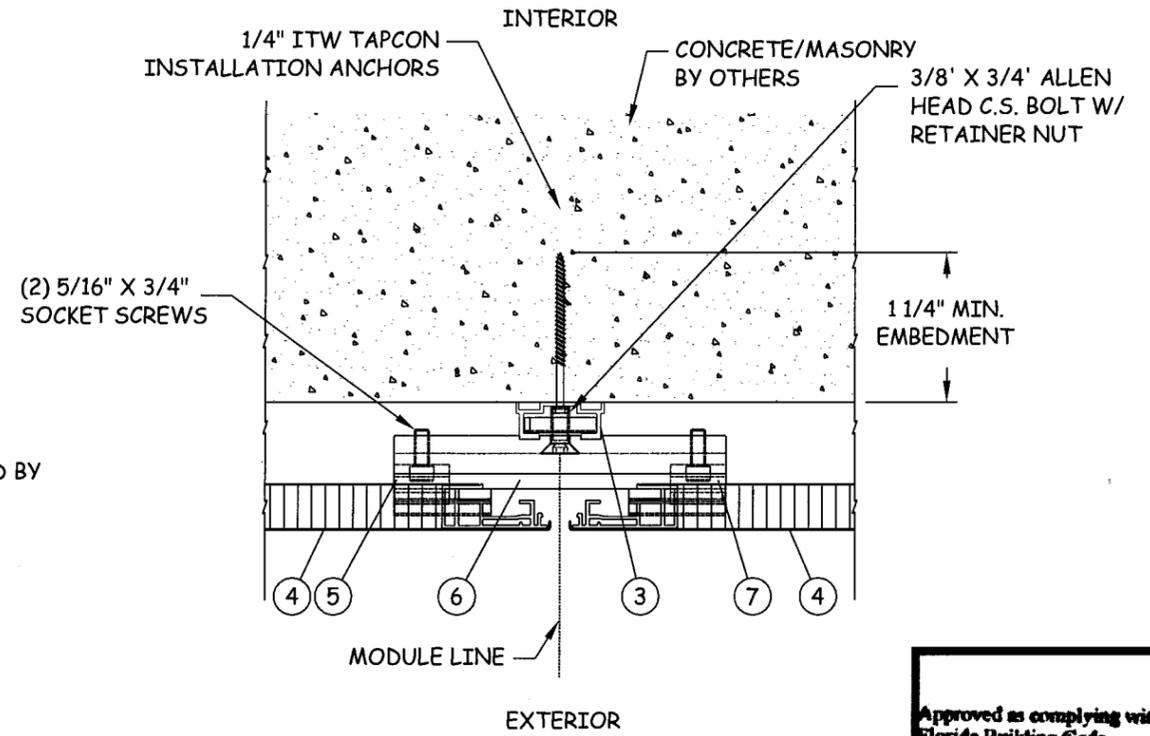
F
4 VERTICAL SECTION
HEAD - STEEL STUD



H
4 VERTICAL SECTION
HORIZONTAL JOINT - CONCRETE/MASONRY



E
4 HORIZONTAL SECTION
VERTICAL JOINT - STEEL STUD



G
4 HORIZONTAL SECTION
VERTICAL JOINT - CONCRETE/MASONRY

HunterDouglas

FAÇADES

2300 SOUTH 2300 WEST
SALT LAKE CITY, UTAH 84119
PH: (801) 646-2522 FX: (801) 649-2699

TITLE: ALUM. FAÇADE SYSTEM
VERTICAL & HORIZONTAL
SECTIONS

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

NO.	DESCRIPTION	BY	DATE
		A	UPDATED PER MD COMMENTS

[Signature]
1-29-10
KRISTINA S. DAUGHERTY
FLORIDA P. E. NO. 68485
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FEPB CERT. OF AUTHORIZATION NO. 28520

Approved as complying with the
Florida Building Code
Date 03/03/2010
NOA# 09-1028.11
Miami Dade Product Control
Division
By *[Signature]*

DATE: 10.19.09
DWN BY: JLR
CHK BY: KSD
SCALE: NTS

DWG #: **HDF002**

SHEET: **4 OF 5**

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BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	TOP RETAINER FIXED - SLIDING	ALUM. ALLOY 6061	HUNTER DOUGLAS
2	TOP FIXING PLATE MID	ALUM. ALLOY 6061	HUNTER DOUGLAS
3	MINI RAIL	ALUM. ALLOY 6061	HUNTER DOUGLAS
4	QC25 - 10 PANEL	ALUM. ALLOY 6061	HUNTER DOUGLAS
5	RETAINER SLIDING	ALUM. ALLOY 6061	HUNTER DOUGLAS
6	FIXING PLATE JOINT	ALUM. ALLOY 6061	HUNTER DOUGLAS
7	RETAINER FIXED	ALUM. ALLOY 6061	HUNTER DOUGLAS
8	BOTTOM FIXING PLATE MID	ALUM. ALLOY 6061	HUNTER DOUGLAS
9	RUBBER GASKET	SILICONE RUBBER	HUNTER DOUGLAS

HunterDouglas
FAÇADES

2300 SOUTH 2300 WEST
SALT LAKE CITY, UTAH 84119
PH: (801) 646-2522 FX: (801) 649-2699

TITLE: ALUM. FAÇADE SYSTEM
BILL OF MATERIALS
& COMPONENTS

PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

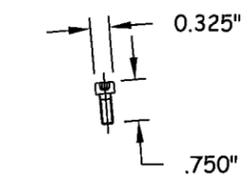
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				REVISIONS
A	UPDATED PER MD COMMENTS			

[Signature]
1-29-10
KRISTINA S. DAUSHERITY
FLORIDA P. E. NO. BR4455
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FBIPE CERT. OF AUTHORIZATION INC. 28560

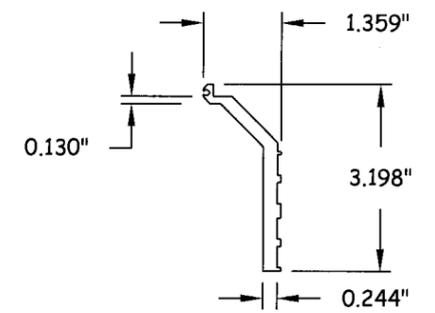
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DWG #:	HDF002						
SHEET:	5 OF 5						

Approved as complying with the
Florida Building Code
Date: 03/03/2010
NOA#: 09-2028-11
Miami Dade Product Control
Division
By: *[Signature]*

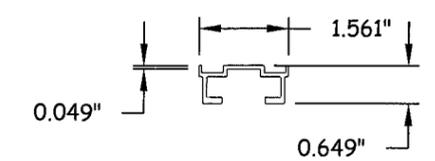
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(#12 SCREWS)



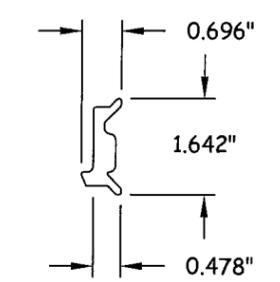
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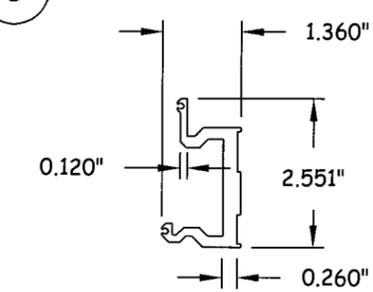
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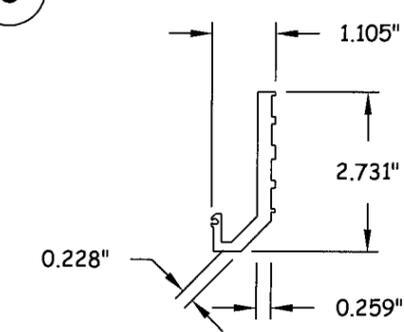
5 7 RETAINER FIXED - SLIDING



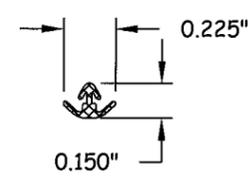
6 FIXING PLATE JOINT



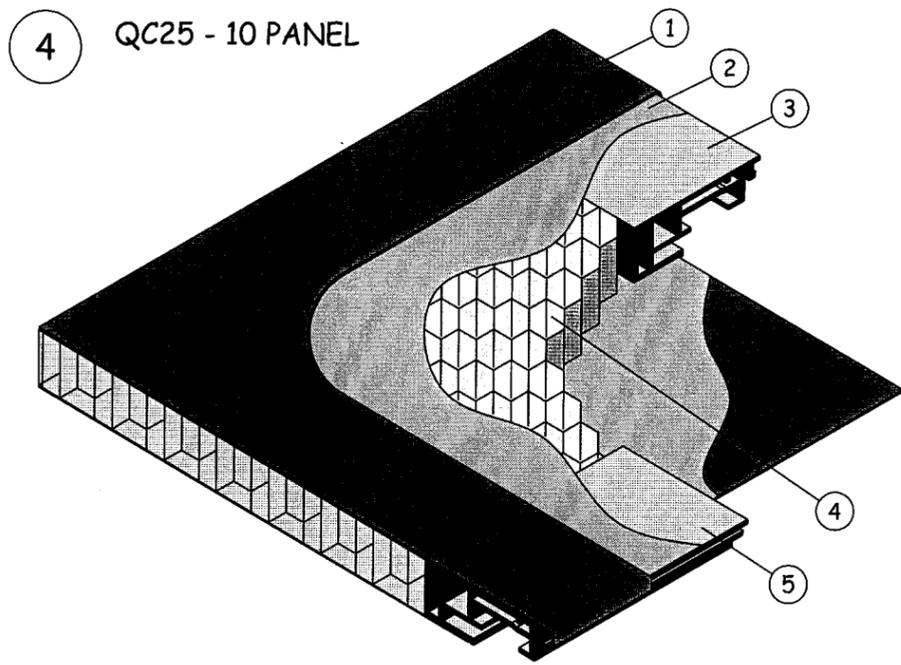
8 BOTTOM FIXING PLATE MID



9 RUBBER GASKET



4 QC25 - 10 PANEL



- 1 - Pre-Coated and Roll Formed Aluminum External Skin
- 2 - Adhesive File
- 3 - Aluminum Extrusion
- 4 - Aluminum Honeycomb
- 5 - Pre-Coated Aluminum Internal Skin